National Transportation Safety Board NTSB ID: DCA06RA042 Aircraft Registration Number: N68047 FACTUAL REPORT Occurrence Date: 06/04/2006 Most Critical Injury: None Occurrence Type: Accident Investigated By: ETYBOP Location/Time Nearest City/Place State Zip Code Local Time Time Zone Managua Distance From Landing Facility: Direction From Airport: Airport Proximity: Aircraft Information Summary Aircraft Manufacturer Model/Series Type of Aircraft McDonnell Douglas DC10-10F Airplane

Narrative

Sightseeing Flight: No

Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:

On June 4, 2006 at approximately 10:16 coordinated universal time (UTC), an Arrow Air cargo McDonnell Douglas DC10-10F, N68047, overran the end of RW 09 during landing Managua International Airport (MGA), Managua, Nicaragua. There were no injuries to the 3 crewmembers onboard. The airplane was substantially damaged. The investigation is being conducted by the Nicaraguan Ministerio de Transporte e Infraestructura. The US NTSB is assisting the Nicaraguan investigation under the provisions of ICAO Annex 13.

Air Medical Transport Flight: No

National Transportation Safety Board
FACTUAL REPORT
AVIATION

NTSB ID: DCA06RA042

Occurrence Date: 06/04/2006

AVIATION			Occurrence Type: Accident										
Landing Facility/Approach Information													
Airport Name Airpo			Airport ID:	A	irport Elevation					Runway Length		Runv	vay Width
Runway Surface Type:													
Runway Surface Condition:													
Type Instrument Approach:													
VFR Approach/Landing:													
Aircraft Information										1			
Aircraft Manufacturer McDonnell Douglas			1	Model/Series Serial DC10-10F								Number	
Airworthiness Certificate(s):													
Landing Gear Type:													
Homebuilt Aircraft? No	t Aircraft? No Number of Seats:				ax Gross Wt.	LBS Numbe			er of Er	er of Engines:			
Engine Type: Eng				Engine Manufacturer: Model/Series:								Rate	ed Power:
- Aircraft Inspection Information													
Type of Last Inspection Date				rate of Last Inspection Time Sind				nce Last Inspection Hours			Airfrai	Airframe Total Time Hours	
- Emergency Locator Transmitter (ELT) Information													
ELT Installed? ELT Operated? ELT Aided in Locating Accident Site?													
Owner/Operator Information													
Registered Aircraft Owner					Street Address								
	City	City State Zip C								Zip Code			
Operator of Aircraft Street Address													
ARROW AIR INC				City							Sta	te	Zip Code
Operator Does Business As: Operator Designator Code: ARWA													
- Type of U.S. Certificate(s) Held:													
Air Carrier Operating Certificate(s)	: Flag Carrier/Don	nestic;	Suppleme	ental									
Operating Certificate: Operator Certificate:													
Regulation Flight Conducted Under: Part 121: Air Carrier													
Type of Flight Operation Conducted	d: Non-scheduled	l; Intern	ational; C	argo)								
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National Transportation Safety Board

FACTUAL REPORT

AVIATION

NTSB ID: DCA06RA042

Occurrence Date: 06/04/2006

AVIA	Occurrence Type: Accident												
First Pilot Information													
Name City											te	Date of Birth	Age
Sex: Seat Occup		Certificate Number:											
Certificate(s):													
Airplane Rating(s):													
Rotorcraft/Glider/LTA:													
Instrument Rating(s):													
Instructor Rating(s):													
Type Rating/Endorsement for Accident/Incident Aircraft? Current Biennial Flight Review?													
Medical Cert.:	Medic	al Cert. Statu	s:						Date of La	ast Me	edical E	xam:	
	•							•					
- Flight Time Matrix	Flight Time Matrix All A/C This Make and Model Single Engine Mult-Engine				Nigh	ght Inst		Instrum	ument Simulated		Rotorcraft	Glider	Lighter Than Air
Total Time													
Pilot In Command(PIC)										\perp			
Instructor										\perp			
Last 90 Days										_			
Last 30 Days								\dashv		+			
Last 24 Hours	<u> </u>			<u> </u>	1						T _a	1.50	
Seatbelt Used?	Sho	ulder Harness	Used?			loxico	ology Pe	erform	ned?		Se	econd Pilot?	
Flight Plan/Itinerary													
Type of Flight Plan Filed:	IFR												
Departure Point						State)	Airpo	Airport Identifier Departure Time			rture Time	Time Zone
MIAMI FL								MIA					
Destination	Destination State Airport Identifier												
MANAGUA MGA													
Type of Clearance:													
Type of Airspace:													
Weather Information													
Source of Briefing:													
Method of Briefing:													
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National Transportation Safety Board FACTUAL REPORT AVIATION

NTSB ID: DCA06RA042

Occurrence Date: 06/04/2006

AYATION			Occurren	Occurrence Type: Accident									
Weather Information													
WOF ID	Observation Time	Time Zone	WOF Elevat	ion	WOF D	m Acci	dent Site	Direction From Accident Site					
			Ft	. MSL				NM			Deg. Mag.		
Sky/Lowest Cloud Condition:						Ft. A	GL	Condition o	Condition of Light:				
Lowest Ceiling:					Visib	ility:		SM	Alti	meter:	"Hg		
Temperature: °C Dew Point: °C					Direction: Density Altitude:								
Wind Speed: Gusts:					Weather Condtions at Accident Site:								
Visibility (F	RVR): Ft	. Visibility (RVV)	SM	Intensity of Precipitation:								
Restriction	ns to Visibility:	•											
Type of Pro	ecipitation:												
Accident	Information												
Aircraft Damage: Substantial Aircraft Fil								Aircraft Exp	ft Explosion				
Classificati	ion:		•										
- Injury Su	mmary Matrix	Fatal	Serious Min	or	None	TOTAL							
First Pi	ilot				1	1]						
Second	d Pilot				1	1							
Studen	nt Pilot												
Flight I	nstructor						1						
Check	Pilot						1						
Flight E	Engineer				1	1	1						
Cabin /	Attendants						1						
Other (Crew						1						
Passer	ngers						1						
- TOTAL A	ABOARD -				3	3	3						
Other 0	Ground						1						
- GRANE	O TOTAL -				3	3	3						

National Transportation Safety Board

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FACTUAL REPORT	Occurrence Date: 06/04/2006	
FACTUAL REPORT AVIATION	Occurrence Type: Accident	
Administrative Information		
Investigator-In-Charge (IIC)		
Joseph M. Sedor		
Additional Persons Participating in This Accident/Incident	ent Investigation:	
Robert Drake		